tumi
E-Bus Mission

Deep Dive City
Bogotá
Colombia

General Information about the City[1]

Population
8.1 million (2018)
Metropolis: 11 million

City area
1587 km²
Metropolos: 4321 km²

Average temperature
11 °C

Annual rainfall
1300 mm/year

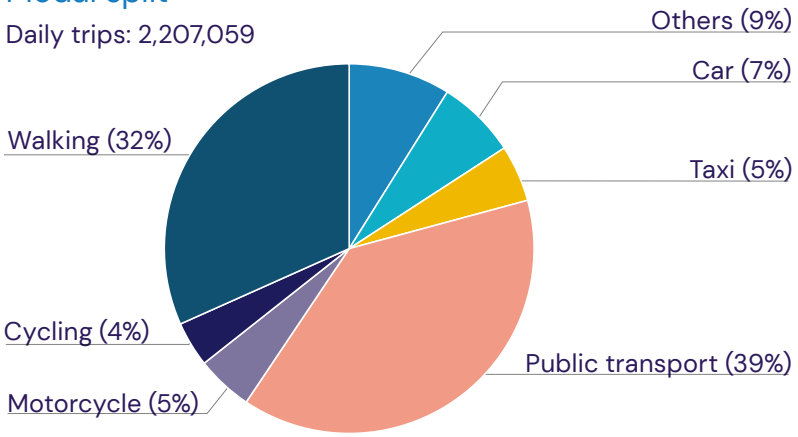
Climate risks
Extreme temperature (hot, heat waves)
Flood (flash, surface or river flood)
Wild fire (forest fire)
Storm (rain storm)
Mass movement (landslide)

Number of car ownership
123.4 cars per 1000 inhabitants

GDP (US Dollars)
511 billion

Urban Mobility System[2]

Modal split
Daily trips: 2,207,059



Public transport modes
- Metró de Bogotá
- BRT TransMilenio
- Cable car TransMiCable
+ Bike Registration System

Carried passengers
(Avg. daily demand)

2.4 million (BRT system)

Gender equity
(Share of women)

800,000 (TransMilenio)

Total no. of routes / buses

122 km long route
17,335 buses

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Climate and Urban Mobility Policies[10,11]

Vision for net zero urban mobility

- Reduce 20% of carbon emissions by 2020
- Reach 25% of renewable energy by 2050

Ongoing projects

C40 Cities Finance Facility
Developing of `Medio Milenio Bikeway to connect the city from north to south with a 25 km-long cycle highway.

Political commitments[10,11]

The Mobility Master Plan (PMM):
Planning instruments for mobility to develop integrated urban projects that improve mobility conditions (accessibility, road safety, less environ mental pollution etc.).

Electrification Model

Public tenders through state-owned Transmilenio, private bus firms buy and operate (15-year concessions).

Electric Buses

Targets for electric bus adaption

1. 1,485 e-buses by 2022.
2. Minimum purchase requirement of 30% electric vehicles for public transportation by 2025.
3. 100% e-bus purchasing by 2035.

Bus technology share

9287
ICE – Buses

336
Hybrid-Buses

1061
E-Buses

References:

1 C40
https://www.c40.org/cities/bogota

2 Bogota, Colombia | ICLEI Sustainable Mobility
https://sustainablemobility.iclei.org/ecomobility-alliance/bogota-colombia/

3 C40 Cities Finance Facility | Bogotá - Medio Milenio (c40cff.org)
https://www.c40cff.org/projects/bogota-medio-milenio

5 Bogota crowdsources a green transport future to cut emissions | Reuters
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